

Title (en)
Lancet activating device

Title (de)
Betätigungsvorrichtung für eine Lanzette

Title (fr)
Dispositif pour l'actionnement d'une lancette

Publication
EP 1702564 A1 20060920 (EN)

Application
EP 05380049 A 20050318

Priority
EP 05380049 A 20050318

Abstract (en)
A lancet activating device comprising a housing (3) which houses a reciprocating springloaded plunger (17), serving as a trigger to activate a lancet (26); cavity (5,6) for placements of a lancet (26) and a finger (23); apertures (9, 7) for the insertion of said lancet and said finger; leaf-spring (10) to position a finger (23). An unactivated fresh lancet (26) is inserted into the cavity (6) of the lancet activating device and the patient's finger (23) is placed into the cavity (5), whereby the finger positioning will be determined by the leaf-spring (10). At a press of the top mounted reciprocating plunger (17), the lancet (26) is activated to puncture the finger (23) and the patient proceeds to withdraw his finger and collection of the micro blood sample can proceed. Thereafter a fresh lancet (26) can be inserted into the cavity (6) of the lancet activating device from the lancet insertion aperture (9). The fresh lancet (26) forces the used lancet (27) out of the lancet activating device via the lancet disposition aperture (8) where it will be transited to an attached container (2) via an access opening (16) located at the top of the container (2). Throughout the procedure, the users of said lancet activating device do not need to come into contact with the patient.

IPC 8 full level
A61B 5/15 (2006.01)

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Citation (search report)

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- [X] US 2003083686 A1 20030501 - FREEMAN DOMINIQUE M [US], et al
- [A] WO 03071940 A1 20030904 - FACET TECHNOLOGIES LLC [US], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 04 31 March 1998 (1998-03-31)

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